\_\_\_\_\_\_

Sequence Listing could not be accepted due to errors.

See attached Validation Report.

If you need help call the Patent Electronic Business Center at (866)

217-9197 (toll free).

Reviewer: Anne Corrigan

Timestamp: Wed Aug 08 14:07:27 EDT 2007

\_\_\_\_\_\_

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Reviewer Comments:

<160> 13

Although the above <160> response is "13," 18 sequences are shown in the submitted file. See below:

<210> 18

<211> 225

<212> PRT

<213> Mus musculus

<400> 18

Met Leu Leu Thr Leu Ala Gly Gly Ala Leu Phe Phe Pro Gly Leu Phe

(the above is a sample of Sequence 18, the last sequence in the file)

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

## Validated By CRFValidator v 1.0.2

Application No: 10536772 Version No: 2.0

Input Set:

Output Set:

**Started:** 2007-08-06 11:18:39.445

Finished: 2007-08-06 11:18:41.545

Elapsed: 0 hr(s) 0 min(s) 2 sec(s) 100 ms

Total Warnings: 11

Total Errors: 13

No. of SeqIDs Defined: 13

Actual SeqID Count: 18

Error code		Error Description										
E	201	Mandatory field data missing in <223> in SEQ ID (1)										
W	213	Artificial or Unknown found in <213> in SEQ ID (3)										
E	224	<220>, $<223>$ section required as $<213>$ has Artificial sequence or Unknown in SEQID (3)										
W	213	Artificial or Unknown found in <213> in SEQ ID (4)										
E	224	<220>, $<223>$ section required as $<213>$ has Artificial sequence or Unknown in SEQID (4)										
W	213	Artificial or Unknown found in <213> in SEQ ID (5)										
E	224	<220>, $<223>$ section required as $<213>$ has Artificial sequence or Unknown in SEQID (5)										
W	213	Artificial or Unknown found in <213> in SEQ ID (6)										
E	224	$<\!220\!>, <\!223\!>$ section required as $<\!213\!>$ has Artificial sequence or Unknown in SEQID (6)										
W	213	Artificial or Unknown found in <213> in SEQ ID (7)										
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W	213	Artificial or Unknown found in <213> in SEQ ID (8)										
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W	213	Artificial or Unknown found in <213> in SEQ ID (9)										
E	224	$<\!220\!>, <\!223\!>$ section required as $<\!213\!>$ has Artificial sequence or Unknown in SEQID (9)										
W	213	Artificial or Unknown found in <213> in SEQ ID (10)										

## Input Set:

## Output Set:

**Started:** 2007-08-06 11:18:39.445 **Finished:** 2007-08-06 11:18:41.545

**Elapsed:** 0 hr(s) 0 min(s) 2 sec(s) 100 ms

Total Warnings: 11
Total Errors: 13
No. of SeqIDs Defined: 13

Actual SeqID Count: 18

Error code		Error Description											
E	224	$<\!220\!>, <\!223\!>$ section required as $<\!213\!>$ has Artificial sequence or Unknown in SEQID (10)											
W	213	Artificial or Unknown found in <213> in SEQ ID (11)											
E	224	$<\!220\!>, <\!223\!>$ section required as $<\!213\!>$ has Artificial sequence or Unknown in SEQID (11)											
W	213	Artificial or Unknown found in <213> in SEQ ID (12)											
E	224	$<\!220\!>, <\!223\!>$ section required as $<\!213\!>$ has Artificial sequence or Unknown in SEQID (12)											
W	213	Artificial or Unknown found in <213> in SEQ ID (13)											
E	224	$<\!220\!>, <\!223\!>$ section required as $<\!213\!>$ has Artificial sequence or Unknown in SEQID (13)											
E	252	Calc# of Seq. differs from actual; 13 seqIds defined; count=18											

## Sequence listing

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                                                                        114
                                    Met Leu Leu Thr Leu Ala Gly Gly
   gcg ctc ttc ttc ccg ggg ctc ttc gcg ctc tgc acc tgg gcg ctg cgc
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   Ala Leu Phe Phe Pro Gly Leu Phe Ala Leu Cys Thr Trp Ala Leu Arg
   cac tee cag eee gga tgg age ege ace gae tge gtg atg ate age ace
                                                                        210
   His Ser Gln Pro Gly Trp Ser Arg Thr Asp Cys Val Met Ile Ser Thr
                       30
                                           35
   agg ctg gtt tcc tcg gtg cac gcc gtg ctg gcc acc ggc tcg ggg atc
                                                                        258
   Arg Leu Val Ser Ser Val His Ala Val Leu Ala Thr Gly Ser Gly Ile
   gtc atc att cgc tcc tgc gac gac gtg atc acc ggc agg cac tgg ctt
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   Val Ile Ile Arg Ser Cys Asp Asp Val Ile Thr Gly Arg His Trp Leu
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   gcc cgg gaa tat gtg tgg ttt ctg att cca tac atg atc tat gac tcg
                                                                        354
   Ala Arg Glu Tyr Val Trp Phe Leu Ile Pro Tyr Met Ile Tyr Asp Ser
           75
                               80
                                                   85
   tac gcc atg tac ctc tgt gaa tgg tgc cga acc aga gac cag aac cgt
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Ile Thr His His Ala Val Ile Leu Leu Val Leu Val Pro Val Ala Gln  125  130  135	
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140 145 150	594
gca gaa ctg agc act ccg ttt gtg tcg ctg ggc agg gtt ctg att cag	394
Ala Glu Leu Ser Thr Pro Phe Val Ser Leu Gly Arg Val Leu Ile Gln  155 160 165	
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	042
Leu Lys Gln Gln His Thr Leu Leu Tyr Lys Val Asn Gly Ile Leu Thr 170 175 180	
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Leu Ala Thr Phe Leu Ser Cys Arg Ile Leu Leu Phe Pro Phe Met Tyr	
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Glu Phe Leu Met Val Leu His His Ala Ala Met Val Leu Val Cys Phe 130 135 140

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Pro Tyr Leu Tyr Trp Ala Tyr Gly Arg His Ala Gly Leu Pro Leu Leu 210 215 220

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His Ile Ile Asp Asp Gln His Trp Leu Ser Ser Ala Tyr Thr Gln Phe 100 105 110

Ala Val Pro Tyr Phe Ile Tyr Asp Ile Tyr Ala Met Phe Leu Cys His 115 120 125

Trp	His	Lys	His	Gln	Val	Lys	Gly	His	Gly	Gly	Glu	Asp	Gly	Thr	Pro
	130					135					140				
Arg	Ala	Leu	Gly	Ser	Thr	Trp	Ala	Val	Val	Arg	Gly	Tyr	Leu	His	Lys
145					150					155					160
Glu	Phe	Leu	Met	Val	Leu	His	His	Ala	Ala	Met	Val	Leu	Val	Суз	Phe
				165					170					175	
Pro	Leu	Ser	Val	Val	Trp	Arg	Gln	Gly	Lys	Gly	Asp	Phe	Phe	Leu	Gly
			180					185					190		
Cys	Met	Leu	Met	Ala	Glu	Val	Ser	Thr	Pro	Phe	Val	Суѕ	Leu	Gly	Lys
		195					200					205			
Ile	Leu	Ile	Gln	Tyr	Lys	Gln	Gln	His	Thr	Leu	Leu	His	Lys	Val	